IN THE CLAIMS

Kindly replace the claims of record with the following full set of claims:

1. (Currently amended) A display for displaying pre-recorded images, said display comprising at least one image stack comprising at least one image sub-stack ~~(13, 14, 15)~~, said image sub-stack comprising a material having optical properties depend on a potential difference [[(V1)]] , V1, applied between two electrodes ~~(13, 15)~~, wherein said image sub-stack can be locally altered in order to record an image permanently by patterning said material, wherein said patterning comprises a plurality of holes having a corresponding known depth within said material, said known depth determining a reduction of an intensity of light compared to an intensity of light of said material surrounding a corresponding one of said holes.

2. (Currently amended) A display for displaying pre-recorded images, said display comprising at least one image stack comprising at least one image sub-stack, said image sub-stack comprising a material which optical properties depend on a potential difference applied between two electrodes, wherein said image sub-stack is locally altered in order to permanently record an image which can be displayed by applying said potential difference between said two electrodes, wherein said image is recorded by patterning said material, wherein said pattern comprises a plurality of holes having a corresponding known depth within said material, said known depth determining a reduction of an intensity of light compared to an intensity of light of said material surrounding a corresponding one of said holes.

3. (Previously presented) A display as claimed in Claim 1, wherein said material is an electrochromic material.

4. (Original) A display as claimed in Claim 3, wherein said electrochromic material has an ability to take up or release electrons, which can be locally reduced by means of an optical beam.

5. (Previously presented) A display as claimed in Claim 1, said display further comprising a color filter.

6. (Original) A display as claimed in 5, said color filter comprising pixels having different colors.

7. (Original) A display as claimed in Claim 3, wherein said at least one image stack comprises at least two image sub-stacks comprising materials having different optical properties.

8. (Previously presented) A display as claimed in claim 1, said display comprising at least two image stacks (61, 63).

9. (Currently amended) A method for recording an image in a display, said method comprising a step of locally altering said at least one image sub-stack in order to permanently record an image, wherein said locally altering comprises patterning a material within said sub-stack, wherein said pattern comprises a plurality of holes having a corresponding known depth within said material, said known depth determining a reduction of an intensity of light compared to an intensity of light of said material surrounding a corresponding one of said holes.

10. (Original) A method for recording an image as claimed in claim 9, wherein said altering step comprises a sub-step of focusing an optical beam on the at least one image sub-stack.

11. (Currently amended) A cartridge for recording an image in a display, said cartridge comprising:

means for receiving said display, said display comprising at least one image stack comprising at least one image sub-stack ~~(13, 14, 15)~~, said image sub-stack comprising a material having optical properties depend on a potential difference [[(V1)]], V1, applied between two electrodes ~~(13, 15)~~, wherein said image sub-stack can be locally altered in order to permanently record an image by patterning said material, wherein said patterning comprises a plurality of holes having a corresponding known depth within said material, said known depth determining a reduction of an intensity of light compared to an intensity of light of said material surrounding a corresponding one of said holes;

means for receiving a signal comprising information about a selected image sub-stack; and

means for applying a potential difference between the two electrodes of said selected image sub-stack.

12. (Currently amended) A cartridge for displaying an image in a display, said cartridge comprising:

means for receiving said display, said display comprising at least one image stack comprising at least one image sub-stack ~~(13, 14, 15)~~, said image sub-stack comprising a material having ~~which~~ optical properties depend on a potential difference [[(V1)]],V1, applied between two electrodes ~~(13, 15)~~, wherein said image sub-stack can be locally altered in order to record an image permanently by patterning said material, wherein said patterning comprises a plurality of holes having a corresponding known depth within said material, said known depth determining a reduction of an intensity of light compared to an intensity of light of said material surrounding a corresponding one of said holes;

means for selecting an image sub-stack; and

means for applying a potential difference between the two electrodes of the selected image sub-stack.